

Wildfire Risk Assessment

Under Development in IFTDSS

Fact Sheet



Phasing in Quantitative Wildfire Risk Assessment

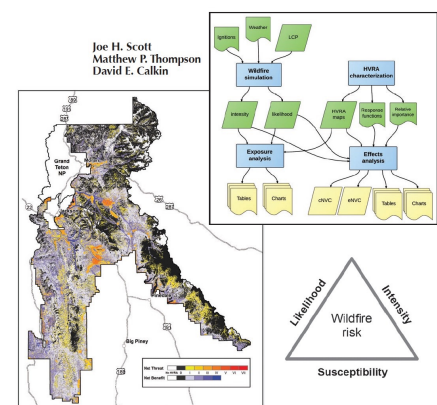
Interagency Fuels Treatment Decision Support System

<http://iftdss.firenet.gov>

Under Development to be Available to All!

A workflow and tools to perform a Quantitative Wildfire Risk Assessment (QWRA) from the project to the unit scale is under development in IFTDSS. The process follows the steps outlined in GTR-315, "[A wildfire risk assessment framework for land and resource management](#)." IFTDSS is unique in that it will contain a comparison functionality allowing users to complete a QWRA and then compare treatment alternatives to understand the impacts to your area and the effects of risk mitigation actions.

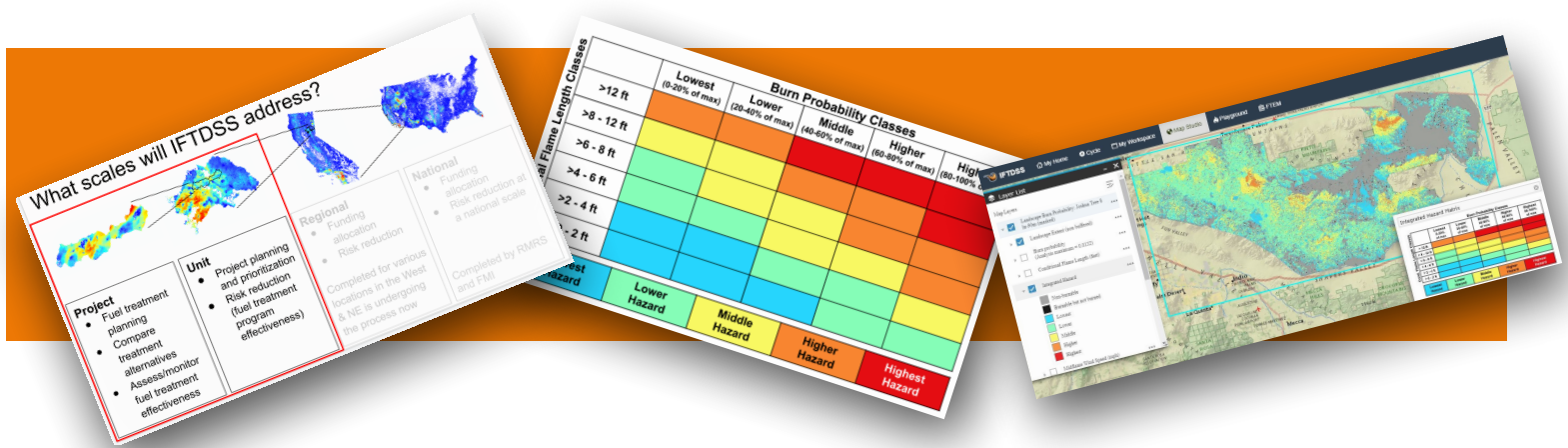
A Wildfire Risk Assessment Framework for Land and Resource Management



USDA United States Department of Agriculture / Forest Service
Rocky Mountain Research Station
General Technical Report RMRS-GTR-315
October 2013



- Create and edit Landscapes directly in IFTDSS
- Characterize Highly Valued Resources and Assets (HVRAs) - choose from the National HVRAs, upload local HVR shapefiles or use nationwide data from IFTDSS.
- Landscape Burn Probability is completed with a customized version of FlamMap developed specifically for use in IFTDSS
- Automated exposure analysis and QWRA calculations. Map products, reports containing summary tables and charts, and downloadable data to be used in further analysis outside of IFTDSS if needed
- Use IFTDSS to compare different fuel treatment alternatives to evaluate impacts to your area with changes in modeled fire behavior, exposure analysis and the QWRA.

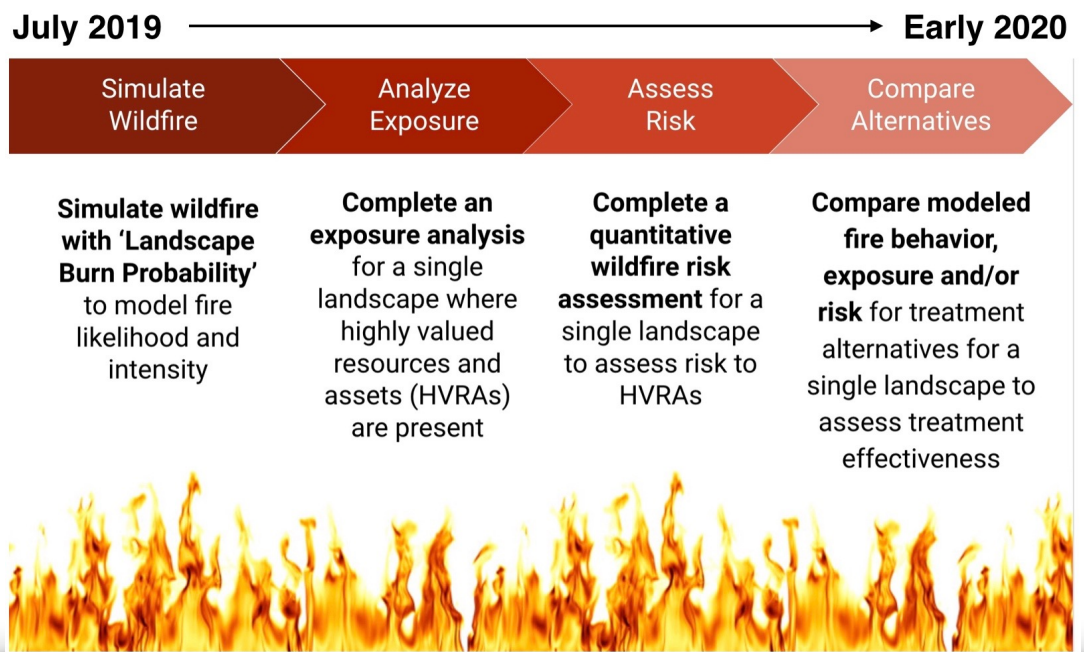


Development Phases of Quantitative Wildfire Risk Assessment (QWRA) in IFTDSS

- **July 2019** - Landscape Burn Probability model and accompanying reports released to users in the IFTDSS Playground
- Second half of 2019 - development of the Exposure Analysis allowing users to Map Values (HVRAs) and visually/quantitatively assess exposure to HVRAs
- **Fall/Winter 2019**, QWRA response functions and relative importance will be designed, developed and implemented for Risk Calculations
- **Early 2020** -

Design and develop compare alternatives for Landscape Burn Probability, Exposure and QWRA

- Portions of each phase will be incrementally released as they are completed throughout the fall and winter of 2019 - 2020



For More Information

For more information about Risk Assessment in IFTDSS contact the IFTDSS Team.

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